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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से जुड़े नियम अधिसूचनाएं और नोटिस
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Calcutta, the 27th June 1998

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Telegraphic address "PATENTOFIC".
Ph. No. 490 1495 Fax 044-4901492.

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Floor, 234/4, Acharya Jagadish
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Telegraphic address "PATENTIS"
Ph. No. 247 4401 Fax 033-2473851.

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पेटेंट कार्यालय
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कलकत्ता, दिनांक 27 जून 1998
पेटेंट कार्यालय के कार्यालयों के पाते एवं श्रीश्रीधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा भुमिका, विल्ली एवं चेन्डॉ में इसके शास्त्र कार्यालय हैं, जिनके प्रादीपिक श्रीश्रीधिकार जौन के जाधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शास्त्र, टॉडी इस्टेड,
नीसरा तल, लोबर पर्सेल (प.),
मृग्ह-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दानाड़ी गोर तथा हवेली।

तार पता—“पेटेंटोफिस”

फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शास्त्र,
गृह 401 से 405, नीसरा तल,
नगरपालिका भाजार भवन,
सरस्वती मार्ग, करोल बाग,
नड़े दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, अमृ
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं संघ शासित क्षेत्र लंडनगढ़।

तार वहा—“पेटेंटोफिस”

फोन : 5782532 फैक्स : 011-5766204

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent brackets are the dates claimed under section 135, under Patent Act, 1970.

28-04-1998

754/Cal/98. Samsung Electronics Co. Ltd., “Refrigerator capable of accelerating cool air discharged into a cooling compartment”. (Convention No. 97-64539; 97-64540; 97-64545 on 29-11-1997 in Republic of Korea).

755/Cal/98. Arjo Wiggins Ltd., “Record material for pressure-sensitive copying systems”. (Convention No. 9708582.3 on 29-04-97 in United Kingdom).

756/Cal/98. FH-Schrack Components AG, “Relay with contact springs” (Convention No. 19718996.5 on 05-05-97 & 19804572.7 on 05-02-98 in Germany).

757/Cal/98. FH Schract Components Ag. “Electro magnetic relay”. (Convention No. 19718986.5 on 05-05-97 in Germany).

758/Cal/98. Siemens Aktiengesellschaft, “Wrist watch as external indication for a mobile radio (Wireless) set”. (Convention No. 19719907.0 or 13-05-97 in Germany)

पेटेंट कार्यालय शास्त्र,
दिनगं दी (सी-4, ए)
तीसरा तल, शाजाहान भवन बस्तर बगर,
भैन्ह-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्ष्मणपुर, मिनिकाय
तथा एमिनीदिनि द्वीप।

तार पता—“पेटेंटोफिस”

फोन : 4901495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम फैल्स, दिवतीय बहुतसीय कार्यालय
भवन, 5, 6 तथा 7वाँ तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवक्षेप क्षेत्र।

तार पता—“पेटेंटोफिस”

फोन : 2474401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 वा अपीक्षित सभी अवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयोग कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क : शृंखले की अवायनी या तीन नक्कड़ की जाएगी अन्यथा जहाँ उपयोग कार्यालय अवस्थित है, उस स्थान के अनुसारित बैंक से नियंत्रक की भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

759/Cal/98. Matsushita Electric Industrial Co. Ltd., “CDMA communication systems and apparatus”. (Convention No. 9-209638 on 19-07-1997 in Japan).

760/Cal/98. Atotech Deutschland GMBH, “Removal of orthophosphite ions from electroless nickel plating baths”. (Convention No. PCT/US97/20781 on 13-11-97 in USA).

761/Cal/98. Delta Food Group, Inc., “Apparatus and process for the reductions of fat and caloric content in food”. (Convention No. 60/044,998 on 28-04-1997 in USA).

762/Cal/98. Hitachi Construction Machinery Co. Ltd., “Slide bearing assembly”. (Divided out of No. 814/Cal/94, dated 05-10-96).

29-04-1998

763/Cal/98. N. V. Union Miniere S.A., “Process for the preparation of pre-alloyed copper containing powder” (Convention No. 97201251.2 on 29-04-1997 in Europe).

764/Cal/98. LG Electronics Inc., “Laundry washing machine”. (Convention No. 16054/1997 on 29-04-1997 in Republic of Korea).

765/Cal/98. Degussa Aktiengesellschaft, “Sound deadening and catalyst treating system”.

766/Cal/98. Dieter Zweigle, "Apparatus for optimizing yarns on the basis of measured yarn data and method of optimization". (Convention No. 1971-8562.2 on 02-05-1997 in Germany).

767/Cal/98. Giant Pridco, Inc., "Ultra high torque double shoulder tool joint". (Convention No. 08/850,658 on 02-05-1997 in U.S.A.).

768/Cal/98. Emitec Gesellschaft Fur Emissionstechnologie MBH., "Process for the production of a metallic honeycomb body with a gas-permeable brazing foil". (Convention No. 19725177.3 on 13-06-1997 in Germany).

769/Cal/98. Siemens Aktiengesellschaft, "Once-Through steam generator of double-flue design". (Convention No. 19719724.8 on 09-05-1997 in Germany).

770/Cal/98. Siemens Aktiengesellschaft, "Canal coding process". (Convention No. 19719846.5 on 12-05-97 in Germany).

771/Cal/98. Siemens Aktiengesellschaft, "Generator and method for measuring a generator voltage". (Convention No. 19719970.4 on 13-05-1997 in Germany).

30-04-1998

772/Cal/98. Kvaerner Panel Systems GMBH Maschinen-Und Anlagenbau, "Assembly element" (Convention No. 19747129.3 on 24-10-97 & 19756542.5 on 18-12-97 in Germany).

773/Cal/98. Krupp VDM GMBH, "Laminar, cold deformable material composite" (Convention No. 19719004.9-16 on 06-05-97 & 19719005.7-16 on 06-05-97 in Germany).

774/Cal/98. PCR, Inc., "High purity branched alkylsilsequioxane fluids" (Convention No. 08/893,439 on 11-07-97 in U.S.A.).

775/Cal/98. Celanese GMBH, "Process for preparing ester plasticizers" (Convention No. 19721347.2 on 22-05-97 in Germany).

776/Cal/98. Nova Chemicals (International) S.A., "High temperature solution polymerization process" (Convention No. 2,206,994 on 30-05-97 in Canada).

777/Cal/98. Matsushita Electric Industrial Co. Ltd., "CDMA radio transmitting apparatus and CDMA radio receiving apparatus" (Convention No. 9-218005 on receiving apparatus" (Convention No. 08/841,349 29-07-97 in Japan).

778/Cal/98. Lopa Mishra, "Genes coding proteins for early liver development and their use in diagnosing and treating liver disease" (Convention No. 08/841,349 on 30-04-1997 in U.S.A.).

779/Cal/98. Weeks Peacock Quality Homes Pty Ltd., "A structural member" (Convention No. P06500 on 30-04-1997 in Australia).

01-05-1998

780/Cal/98. Kvaerner Metals Continuous Casting Limited, "Improvements in and relating to casting" (Convention No. 9708891.8 on 02-05-1997 & 9721310.2 on 09-10-1997 in United Kingdom).

781/Cal/98. Krone Aktiengesellschaft, "Overvoltage protective module" (Convention No. 19721047.3 on 09-05-1997 in Germany).

782/Cal/98. Krone Aktiengesellschaft, "Overvoltage protection plug with fail-safe device" (Convention No. 19722580.2 on 30-05-1997 in Germany).

783/Cal/98. Krone Aktiengesellschaft, "Interface module" (Convention No. 19724478.5 on 04-06-97 in Germany).

784/Cal/98. Eli Lilly & Company, "Excitatory amino acid receptor modulators" (Convention No. 60,047,011 on 14-05-1997 in U.S.A.).

04-05-1998

785/Cal/98. Gary John Longbottom, "A trainer for ball games" (Convention No. P06597 on 02-05-1997 in Australia).

786/Cal/98. Sugen Inc., "Methods of modulating serine/threonine protein kinase function with quinazoline based compounds" (Convention No. 60/045, 351 on 02-05-1997 & 60/060,152 on 26-09-1997 in U.S.).

787/Cal/98. Siemeus Aktiengesellschaft, "Turbo machine with an inner housing and an outer housing" (Convention No. 98106290.4 on 06-04-1998 in EPO).

788/Cal/98. HSP Hochspannungsgeräte Portz GMBH, "Wall Passage". (Convention No. 29707899.2 on 05-05-1997 in Germany).

789/Cal/98. Yung-Chi Yang, "Gas conversion furnace".

790/Cal/98. Johnson & Johnson K.K., "Toothbrush" (Convention No. 148425/97 on 23-05-1997 in Japan).

791/Cal/98. Metallgesellschaft Aktiengesellschaft, "Application of plastic material onto metallic components" (Convention No. 19725780.1 on 18-06-97 in Germany).

792/Cal/98. Noise Cancellation Technologies, Inc., "Vehicular loudspeaker system" (Convention No. 08/854, 589 on 12-05-97 in U.S.A.).

793/Cal/98. Samsung Electronics Co. Ltd., "An optical pickup actuator and its damping device" (Convention No. 19231/1997 on 19-05-97 in Republic of Korea).

794/Cal/98. New Transducers Limited, "Loudspeaker" (Convention No. 9709438.7 on 10-05-97 in United Kingdom).

05-05-1998

795/Cal/98. PPG Industries, Inc., "Separator for lead-acid storage battery" (Convention No. 08/854484 on 12-05-1997 in U.S.A.).

796/Cal/98. Metallgesellschaft Aktiengesellschaft, "Process of producing synthetic rutile from ilmenite".

797/Cal/98. Metallgesellschaft Aktiengesellschaft, "Apparatus for carrying out gas reactions, use of the apparatus and method of operating the apparatus" (Convention No. 19727038.7 on 25-06-97 in Germany).

798/Cal/98. 1. Jonathan Aerospace Materials Europe AB, 2. Jonathan Aerospace Materials Corporation, "Three-Dimensional lattice structure and process and apparatus for the production thereof" (Convention No. 19721586.6 on 23-05-87 in Germany).

799/Cal/98. Philip A. Rubin & Associates, Inc., "GPS TV set top box with regional restrictions" Addition No. 150/Cal/96 antited to 30-01-96).

800/Cal/98. Romark Laboratories, L.C., "Pharmaceutical compositions of tizoxanide and nitazoxanide" (Convention No. 08/852,447 on 7-5-97; 08/887810 on 3-7-97 and 08/887, 809 on 3-7-97 in U.S.A.).

801/Cal/98. Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V., "Method and apparatus for fine frequency synchronization in multi-carrier demodulation systems" (Convention PCT/EP98/02184 on 14-4-98 in Europe).

802/Cal/98. Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V., "Method and apparatus for generating a signal having a frame structure and method and apparatus for frame synchronization" (Convention No. PCT/EP98/02169 on 14-4-98 in Europe).

803/Cal/98. Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V., "Method and apparatus for coarse frequency synchronization" (Convention No. PCT/EP98/02170 on 14-4-98 in Europe).

804/Cal/98. Synthelabo, "3-(Pyrrolidin-3-YL)-1, 3, 4-oxadiazol-2 (3H)-one derivatives, their preparation and their therapeutic application" (Convention No. 9705539 on 6-5-97 in France).

805/Cal/98. Worldspace Management Corporation, "Digital broadcast system using satellite direct broadcast system and terrestrial repeater system" (Convention No. 60/079,591 on 27-3-98 and 09/058,663 on 10-4-98 in U.S.A.).

806/Cal/98. Arco Chemical Technology, L. P., "Epoxidation process using improved heterogeneous catalyst composition" (Convention No. 08/851,115 on 5-5-97 & 08/900,794 on 25-7-97 and or 08/15-4-98 in U.S.A.).

807/Cal/98. Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V., "Method and apparatus for multi-carrier modulation and de-modulation and method and apparatus for performing an Echo phase offset correction associated therewith" (Convention No. PCT/EP 98/02167 on 14-4-98 in Europe).

808/Cal/98. Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V., "Dual-Mode receiver for receiving satellite and terrestrial signals in a digital broadcast system" (Convention No. PCT/EP98/02168 on 14-4-98 in Europe).

06-05-1998

809/Cal/98. Cummins Engine Company, Inc., "An electronically controllable, high pressure fuel pump assembly for an internal combustion engine" (Divided out of Appln. No. 339/Cal/94 antited on 6th May, 1994).

810/Cal/98. Woerlee, Geert Fevc, "Structured packing for mass transfer and/or heat exchange between a liquid and a gas, and container provided with such a packing" (Convention No. 1005990 on 6-5-97 in Netherlands).

811/Cal/98. Atoma International Inc., "Window regulator having improved crank assembly" (Convention No. 60/045,699 on 6-5-97 in U.S.A.).

812/Cal/98. Atoma International Inc., "Counter-Balanced window regulator assembly" (Convention No. 60/045,698 on 6-5-97 in U.S.A.).

813/Cal/98. Atoma International Inc., "Window regulator mechanism" (Convention No. 60/045,698 on 6-5-97 in U.S.A.).

814/Cal/98. Johnson & Johnson Consumer Companies, Inc., "Composition base for topical therapeutic and cosmetic preparations".

815/Cal/98. Siemens Aktiengesellschaft, "Method and apparatus for heating a valve arrangement" (Convention No. 19719725.6 on 9-5-97 in Germany).

816/Cal/98. Metallgesellschaft Aktiengesellschaft, "Tubular furnace" (Convention No. 19744882.8 on 10-10-97 in Germany).

817/Cal/98. Metallgesellschaft Aktiengesellschaft, "Process of producing citric acid and/or citrates" (Convention No. 19747902.2 on 30-10-97 in Germany).

818/Cal/98. Fusion Lighting, Inc., "lamp bulb with integral reflector" (Convention No. 60/047,093 on 20-5-97 in U.S.A.).

819/Cal/98. Hans Guntner GMBH, "Heat exchanger".

820/Cal/98. Chi-Lung Chang, "Cloth dyeing machine".

821/Cal/98. Canal + Societe Anonyme, "A receiver/decoder for memory management" (Convention No. 98400764.1 on 27-3-98 in Europe).

822/Cal/98. Canal + Societe Anonyme "Multimedia terminal adapted for multiple users" (Convention No. 98400541.3 on 6-3-98 in Europe).

823/Cal/98. Canal + Societe Anonyme, "Configuring device" (Convention No. 98400240.2 on 4-2-98 in Europe).

824/Cal/98. Lung Meng Environmental Friendly Paper Products "Process for the manufacture of environmental friendly papers and compositions therefor".

08-05-1998

825/Cal/98. 1. Howard John Siemers 2. Water Systems International Ltd., "Arsenic Remediation System".

826/Cal/98. Lancer Corporation, "Ice dispenser and combination ice and beverage dispenser".

827/Cal/98. Unisearch Limited, "Polymerisation reactions under miniemulsion conditions" (Convention No. P06696 on 8-5-97 in Australia).

828/Cal/98. Mitsubishi Corporation, "A starter for an international combustion engine" (Convention No. 9-124141 on 14-5-97 in Japan).

829/Cal/98. Thomas Julius Borody, "Pharmaceutical composition" (Convention No. PO6653 on 7-5-97 in Australia).

830/Cal/98. Technological Resources Pty Ltd., "A process for producing a zirconia based opacifier" (Convention No. PL9706 on 30-6-93 in Australia) (Divided out of No. 515/Cal/94 anti-dated to 30-6-94).

831/Cal/98. Lubrigard Limited, "Electrical measurement of oil quality" (Convention No. 9709290.2 on 7-5-97 in U.K.).

832/Cal/98. General Electric Company, "Auto-Zeroing current sensing element" (Convention No. 08/899,766 on 24-07-97 in U.S.A.).

833/Cal/98. General Electric Company, "Direct-Cooled dynamoelectric machine stator core with enhanced heat transfer capability" (Convention No. 08/900,788 on 25-7-97 in U.S.A.).

834/Cal/98. GE Yokogawa Medical Systems Ltd., "Ultrasound image displaying method and ultrasound imaging apparatus" (Convention No. 9-167194 on 24-6-97 in Japan).

835/Cal/98. Siemens Aktiengesellschaft, "Ignition system for the recombination of hydrogen in a gas mixture, and safety vessel of a nuclear facility" (Convention No. 1972^165.3 on 27-05-97 in Germany).

12-05-1998

836/Cal/98. Goda Surya Narayan, "A method for increasing the 'Hit Rate' of liquid steel 'Lollipop Samplers' obtained by the immersion method of sampling".

837/Cal/98. Sri Ajay Acharya, and Dr. Dipak Guha, "Methodology for control of high O. C. bench fire on virgin seams/developed pillars".

838/Cal/98. New Transducers Limited., "Panelform loudspeakers" (Convention No. 9709959.2 on 15-5-97 in United Kingdom).

839/Cal/98. Saes Getters S.P.A., "Getter device for halogen lamps and process for their production" (Convention No. 60/046,577 on 15-5-97 in U.S.A.).

840/Cal/98. Arthur E Colvin, JR., "Improved fluorescence sensing device" (Convention No. 08/855,234 on 13-5-97 in U.S.A.).

841/Cal/98. Arthur E Colvin, JR., "Fluorescence sensing device" (Convention No. 08/855,236 on 13-5-97 in U.S.A.).

842/Cal/98. Arthur E Colvin, Jr., "Novel fluorescence sensing device" (Convention No. 08/855,235 on 13-5-97 in U.S.A.).

843/Cal/98. Metzeler Automotive Profiles GMBH, "Sealing profile for sealing a power actuated closing device" (Convention No. 197 20 713.8 on 16-5-97 in Germany).

844/Cal/98. Vetrotex France, "Process for the production of sized glass yarns, and products resulting therefrom" (Convention No. 97/05926 on 14-5-97 in France).

845/Cal/98. 1. Robert Hose; 2. Gavan J. Stray; 3. Franc Omahen, "Process for the production of gypsum from sulphuric acid containing waste streams" (Convention No. 9701492.2 on 12-5-97 in Singapore).

846/Cal/98. Hitachi, Ltd., "Ventilating structure of rotary generator" (Convention No. 09-126717 on 16-5-97 in Japan).

847/Cal/98. Sud Chemie MT S.R.L., "Hydrogenation catalysts" (Convention No. M197A001161 on 19-5-97 in Italy).

848/Cal/98. MTU Motoren-Und Turbinen-Union Munchen GMBH, "Brush sealing" (Convention No. 19720649.2 on 16-5-97 in Germany).

849/Cal/98. MTU Motoren-Und Turbinen-Union Munchen GMBH, "Brush sealing with front-and support plate" (Convention No. 19720648.2 on 16-5-97 in Germany).

850/Cal/98. Jhilips Petroleum Company, "Process for the conversion of hydrocarbons" (Convention No. 08/ 868968 on 4-6-97 in United States of America).

851/Cal/98. Burnham Service Company, Inc., "Pallet for storing wheeled items" (Convention No. 08/857, 528 on 16-5-97 in U.S.A.).

852/Cal/98. Siemens Aktiengesellschaft, "Gas-and steam-turbine plant and method of cooling the coolant of the gas turbine of such a plant" (Convention No. 19720654.9; on 16-5-97; in Germany).

12-05-1998

853/Cal/98. Siemens Aktiengesellschaft, "Bucket wheel device" (Convention No. 19729548.7 on 10-7-97 & 19737858.7 on 29-8-97 in Germany).

854/Cal/98. Krupp VDM GMBH, "Nickel-chromium-molybdenum alloy" (Convention No. 19723491.7 on 5-6-97 in Germany).

855/Cal/98. Eaton Corporation, "Circuit interrupter with plasma ARC acceleration chamber and contact arm housing" (Convention No. 08/864,093 on 28-5-97 in U.S.A.).

856/Cal/98. Reilly Industries, Inc., "Processes for preparing citrate esters" (Convention No. 60/046,251 on 12-5-97 in U.S.A.).

857/Cal/98. Owens Corning, "Method and apparatus for melting of glass batch materials" (Convention No. 08/ 867,091 on 2-6-97 in U.S.A.).

13-05-1998

858/Cal/98. Biplob Kumar Mitra, "Innovative lit up fuel for fluidised bed boiler".

859/Cal/98. Zambon Group S.P.A., "Process for the removal of heavy metals" (Convention No. M197A001108 on 13-5-97 in Italy).

860/Cal/98. Kemcraft Overseas Ltd., "Continuous non-polluting liquid phase titanium dioxide process" (Convention No. 08/876234 on 16-6-97 & 08/917941 on 22-08-97 in U.S.A.).

861/Cal/98. LG Electronics Inc., "Anti-frost device for refrigerator" (Convention No. 97-11236 on 20-5-97 & 97-21750 on 8-8-97 in Republic of Korea).

862/Cal/98. LG Electronics Inc., "Improved refrigerated air supply apparatus for refrigerator"

Date	Country	(Convention No.)
28-05-1997	Republic of Korea	97-21269
28-05-1997	Republic of Korea	97-21270
29-05-1997	Republic of Korea	97-21668
28-05-1997	Republic of Korea	97-12222
10-6-1997	Republic of Korea	97-23846
10-6-1997	Republic of Korea	97-23845
02-07-1997	Republic of Korea	97-30575

863/Cal/98. LG Electronics Inc., "Refrigerated air supply apparatus for refrigerator" (Convention No. 97-21669 on 29-5-97 & 97-21670 on 29-5-97 in Republic of Korea).

864/Cal/98. The Board of Trustees of the Leland Standford Junior University, "Near field magneto-optical recording system employing slit illumination" (Convention No. 08/865,221 on 29-5-97 in U.S.A.).

865/Cal/98. Iscar Ltd., "Cutting tool assembly and cutting insert therefor".

866/Cal/98. Siemens Aktiengesellschaft, "Arrangement for data transmission utilizing the telephone network" (Convention No. 19722155.6 on 27-5-97 & 19750931.2 on 17-11-97 in Germany).

867/Cal/98. Emitec Gesellschaft Fur Emissionstechnologie MBH, "Catalytic converter and method of cleaning an exhaust gas flow from a small-size engine in an unregulated exhaust system" (Convention No. 19724244.8 on 9-6-97 in Germany).

868/Cal/98. Novibra GMBH, "A spindle for a ring spinning or a ring twisting machine" (Convention No. 19723944.7 on 6-6-97 & 19807740.8 on 24-2-98 in Germany).

869/Cal/98. Ohio Electronic Engravers, Inc., "Engraving system and method with arbitrary toolpath control" (Convention No. 08/865,733 on 30-5-97 in U.S.A.).

14-05-1998

870/Cal/98. International Solar Electric Technology, Inc., "Method of making compound semiconductor films and making related electronic devices" (Convention No. 08/857,665 on 16-5-97 in U.S.A.).

871/Cal/98. New Transducers Limited, "An acoustic object" (Convention No. 9709969.1 on 17-5-97 in United Kingdom).

872/Cal/98. Glaxo Group Limited, "A novel salt" (Convention No. 9709945.1 on 17-5-97 in United Kingdom).

873/Cal/98. Glaxo Group Limited, "Antiviral combinations" (Convention No. 9709945.1 on 17-5-97 & 9719883.2 on 19-9-97 in United Kingdom).

874/Cal/98. Iscar Ltd., "Toolholder".

875/Cal/98. Eaton Corporation, "Improved coupling for use with a gerotor device" (Convention No. 08/ 862,887 on 23-5-97 in U.S.A.).

876/Cal/98. Subhani Sayeed, "Mechanical extractor for relieving heavily jammed/stuck rail fastening clips".

15-05-1998

877/Cal/98. Montell Technology Company, "Metallocene compounds and their use in catalysts for the polymerization of olefins".

878/Cal/98. Philips Electronics N.V., "Two-Way telecommunications system" (Convention No. 9713904.2 on 2-7-97 in Great Britain).

- 879/Cal/98. Philips Electronics N.V., "Circuit arrangement for measuring a bit error rate" (Convention No. 197 32 739.7 on 30-7-97 in Germany).
- 880/Cal/98. Matsushita Electric Industrial Co. Ltd., "Wireless communication apparatus and wireless communication method" (Convention No. 9-238951 on 20-8-97 in Japan).
- 881/Cal/98. Fried. Krupp AG Hoesch-Krupp, "Method of producing the composite metal-and-plastic components of an antiballistic grill for an armored vehicle" (Convention No. 19721378 2-16 on 22-5-97 in Germany).
- 882/Cal/98. JL Energy Transportation Inc., "Mixtures for pipeline transport of gases" (Convention No. 2,205,670 on 16-5-97 in Canada).
- 883/Cal/98. Saes Getters S.P.A., "Device and method of making fluorescent lamps" (Convention No. MI-97A001202 on 22-5-97 in Italy).
- 884/Cal/98. Danieli & C. Officine Meccaniche SPA, "Loading system for electric ARC furnaces" (Convention No. NUD97A000098 on 23-5-97 in Italy).

COMPLETE SPECIFICATION ACCEPTED

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स्वीकृत सम्पूर्ण विनिदेश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेट अनुदान के दिरोध करने के इच्छुक कोइ व्यक्ति, इसके निर्गम की त्रिभास से थार (4) महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेट नियम, 1972 के तहत विहित प्रयत्न 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित अन्त 15 पर दे सकते हैं। किसी भी विहित विवरण

उक्त सूचना के साथ अथवा पेटेट नियम, 1972 के नियम 36 में यथा विहित इसकी त्रिभास के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिदेश के सर्वभूमि में नीचे दिए गयीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुसर है।"

स्पष्टांकन (चित्र आरेखों) की फोटों प्रतियां यदि कोई हों, के साथ विनिदेशों का अंकित अथवा कोट? प्रतियों की व्यापूर्ति पेटेट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिदेश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिदेश के सामने नीचे दर्शाना चित्र आरेख कागजों को जोड़कर उसे 2 से गूणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार या परिकलप किया जा सकता है।

Ind. Cl. : 206 B

181481

Int. Cl. : H 04 N 07/173.

AN ADVANCED SET TOP TERMINAL FOR A TELEVISION PROGRAM DELIVERY SYSTEM.

Applicants : DISCOVERY COMMUNICATIONS, INC., A DELAWARE CORPORATION, 7700 WISCONSIN AVENUE, BETHESDA, MARYLAND 20814-3522, MONTGOMERY COUNTY, U.S.A.

Inventors :

1. JOHN SAMUEL HENDRICKS
2. ALFRED EUGENE BONNER
3. ERIC CARL BERKOBIN.

Application No. 765/Cal/93 filed on 7th December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

1. An advanced set top terminal (220) for connecting between a television (222) and a cable television program delivery system comprising :

a receiving means (603) for receiving a program signal containing a program control information signal comprising program identities and menu locations for the program identities;

a demultiplexer means (609), connected to the receiving means (603), for demultiplexing the received program signal;

a menu memory (610), electronically connected to the receiving means (603), for storing the received program identities and menu locations for the program identities;

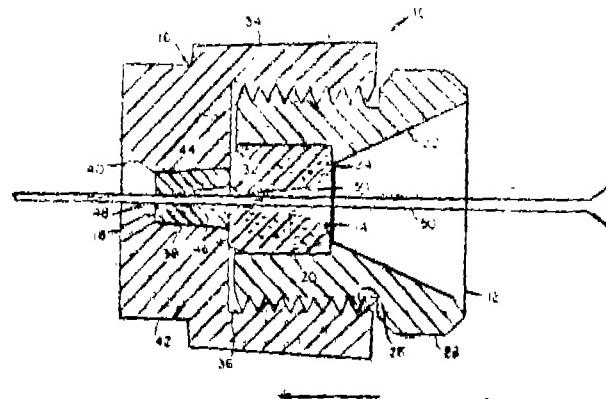
a sequence memory (628), for storing processor instructions on menu sequencing;

(623), connected to the sequence memory (628) and the menu memory (610), for generating text for a plurality of menus;

- (e) drenching in water the said basic cellulose material in a steam digester at a temperature of .75° to 150°C wherein it is crushed by rollers in the stirrer chamber and stacked therein for approximately one month to form a pulp having a value of 7.5 pH;
- (f) after retention of the said basic cellulose material within the digester for approximately one month and formed into pulp, the said water is removed and further classified material is added together with a required amount of ammonium hydroxide and sodium hydroxide in the said steam digester where they are again mixed in the stirrer chamber to soften the pulp for proper setting and formation;
- (g) cleaning the said pulp of step (f) through water to remove the presence of alkalis;
- (h) the cleaned and alkali-free pulp of step (g) is now dipped in mineral acid as herein described in order to bring the pH of said pulp to 7.5;
- (i) adding to said neutralised pulp of step (h) an adhesive selected from a hot, cold setting adhesive as herein described including a fire/flame retarder together with a filler as herein described for hardening the pulp in a proportion of 1 part by weight of the pulp;
- (j) the duly prepared pulp of step (i) is now thoroughly mixed in a mixer and thereafter passed through a conveyor to a hot press where it is pressed at a pressure of 100 to 150 psi and formed into a decorative and non-decorative laminate sheets, boards, polyboards, artificial boards and the like and then gradually reducing the pressure to standard pressure and the temperature to room temperature; optionally feeding the duly manufactured decorative and non-decorative laminate sheets, boards, polyboards, artificial boards and the like into a requisite machine for forming of containers and the like, boxes, tanks, ceilings, furniture, table-tops, wall panelings, floorings cupboards, propellers, propeller shafts including articles having definite shapes and geometric profiles and then reducing to the normal temperature.

(Compl. Specn. 16 pages.)

threaded connection between the holders, wherein the pressure nib projects from a rear end of the pressure nib holder and presses the draw nib into a converging passageway in the draw nib holder, and wherein a projecting portion of the pressure nib is tapered to seat in a tapered recess formed in a front end of said converging passageway in the draw nib holder.



(Comp. Specn. : 12 Pages;

Drawgs. : 2 Sheets)

Ind. Cl. : 33B

181483

Int. Cl. : F 15 K 5/00

ACTUATOR FOR A CLOSURE ELEMENT AT THE OUTLET OF A CONTAINER CONTAINING METAL MELT.

Applicant : STOPING AKTIENGESELLSCHAFT, OF ZUGERSTRASSE 76A, CH-6415 ARTH, SWITZERLAND.

Inventor : URS BASLER.

Application No. 189/Cal/94; filed on 22-03-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

Actuator for a closure element at the outlet of a container containing a metal melt including a piston/cylinder unit, which is removably secured to the latter and controls the closure element via a linkage, with a valve block which comprises a control valve and a short-circuit valve for the manual actuation of the closure element, characterised in that the piston/cylinder unit (40) is constructed as a double-acting cylinder whose cylinder has a cylinder portion (46), which defines the working chamber (49) for the piston (45) sliding therein, in which the piston (45) and the piston rod (42) are longitudinally guided and a cylinder portion (48) which is connected to it forming an extension thereof, in which the piston rod (42) extends whereby the cylinder portion (48) includes the valve block and the piston/cylinder (40) constructed as a double-acting cylinder is so dimensioned that when the piston (45) moves a volume change of the same size

Int. Cl. : 129 B

181484

Int. Cl. : B 21 C 3/02

WIRE DRAWING DIE ASSEMBLY.

Applicants : PARAMOUNT DIE CO. INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MARYLAND, U.S.A. OF 1306 BELMAR DRIVE, BELCAMP, MARYLAND 210017, U.S.A.

Inventors :

- (1) DOUGLAS RICHARD SARVER.
- (2) GAYLORD LEON SARVER.

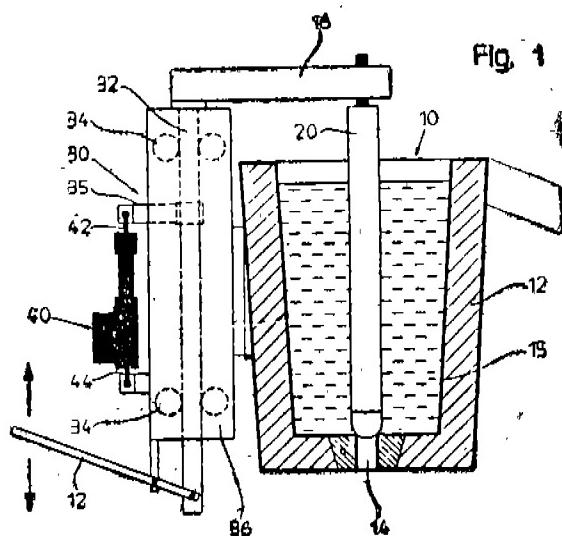
Application No. 22/Cal/1994 filed on 12th January, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

A wire drawing die assembly comprising a pressure nib and a draw nib carried by a holder means with a back end of the pressure nib engaging a front end of the draw nib in a drawing direction of the assembly, a wire-passing through bore in the pressure nib communicating with a wire-drawing throughbore in the draw nib, wherein a back portion of the throughbore in the pressure nib and a front portion of the throughbore in the draw nib together define a pressure chamber for lubricant introduced through a front portion of the throughbore in the pressure nib during wire drawing, wherein the holder means comprises a pressure nib holder for the pressure nib and a draw nib holder for the draw nib with a

occurs in the two chambers which are formed by the division of the working chamber (49) effected by the piston (45) i.e. double-rod cylinder.



(Comp. Specn. : 11 Pages,

Drgs. : 2 Sheets)

Ind. Cl. : 178

181486

Int. Cl.⁴ : B 24 B 9/16; 55/02

GEMSTONE WORKING APPARATUS AND A METHOD OF PRODUCING GEMSTONE USING THE SAID APPARATUS.

Applicant : TURBOFAN LTD., 52 BEZALEL STREET, RAMAT GAN 52521, ISRAEL (AN ISRAELI COMPANY).

Inventor : HILL NEUMANN.

Application No. 59/Cal/1994; filed on 31 Jan, 1994.

Complete after provisional left on 31-08-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

15 Claims

Gemstone working apparatus (10) which comprises : a rotatable base (11);

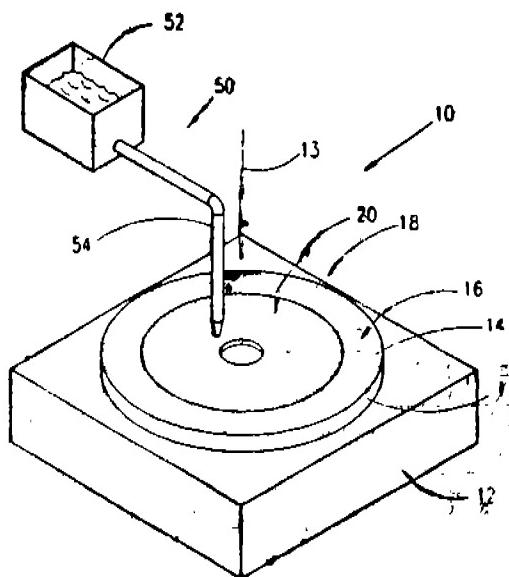
characterized by :

at least two gemstone working members (14, 18) including

a first gemstone working member (14) which defines a first gemstone working surface (16) adapted for mounting on said base; and

a second gemstone working member (18) which defines a second gemstone working surface (20), of a different grain size than that of said first gemstone working surface, adapted for removable mounting on said base concentrically with said first gemstone working member; and

rotational height adjustment means (34, 35, 38, 39) for adjustment of the height of said second gemstone working member by rotation thereof relative to said first gemstone working member to any non-predetermined rotational position, thereby to bring said second working surface into planar alignment with said first working surface so as to provide a combination working surface of varying grain size and of uniform level, comprising means (19) for selectively securing said gemstone working member in a selected, non-predetermined position relative to said base.



(Comp. Specn. : 21 Pages;

Drgs. : 5 Sheets)

Cl. : 23 H

181487

Int. Cl.⁴ : B 65 D 83/14

A PROCESS FOR THE PREPARATION OF A COMPOSITION FOR AEROSOL COMPRESSED GAS PACKAGE.

Applicant : ASTA MEDICA AKTIENGESELLSCHAFT, OF AN DER PIKADRDIE 10, D-01277 DRESDEN, GERMANY.

Inventors :

- (1) DR HELMUT HETTCHE.
- (2) PROFESSOR DR JURGEN ENGEL.
- (3) DR REINHARD MUCKENSCHNABEL.

Application No. 406, Cal/94 filed on 30th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A process for the preparation of a composition for aerosol compressed gas packages characterized in that the propellant such as herein described is cooled to a temperature of -35°C to -55°C and reacted with one or more compounds selected from 0.01 - 5 wt% stabilizer and valve lubricant such as herein described and optionally containing 0-10 wt% cosolvent, active substances and 0-5.1 wt% of auxiliary substances to form a suspension, said suspension is homogenized and made up with the cooled propellant and filled into pressure resistant containers.

(Comp. Specn. : 15 Pages;

Drgs. : Null)

Cl. : 40 F

181488

Int. Cl.⁴ : B 01 J 19/00

METHOD AND APPARATUS FOR PRODUCING PURIFIED CHEMICAL SUBSTANCE SUCH AS BENZENE THIOPHENE.

Applicant : SANTRADE LTD., OF ALPENQUAI 12, 6002 LUZERN, SWITZERLAND.

Inventors :

- (1) DR. AXEL KONIG
- (2) DR. JOACHIM ULRICH.

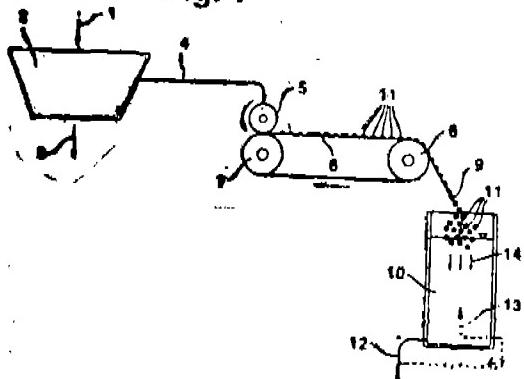
Application No. 641/Cal/94 filed on 9th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

4 Claims

Apparatus for producing purified chemical substance such as benzene thiophene comprising a granulating device (5) downstream from a melting apparatus and upstream from a washing column (10) to generate the monodispersed particles (11).

Fig. 1



(Compl. Specn. : 9 Pages;

Drgs. : 2 Sheets)

Cl. : 32 (C)

181489

Int. Cl. : C 08 F 291/00

A PROCESS FOR PREPARING GRAFT POLYMER USED AS DISPERSANTS FOR INORGANIC BINDER.

Applicant : SKW TROSTBERG AKTIENGESELLSCHAFT, OF DR ALBERTFRANK-STRASSE 32, D-83308 TROSTBERG, GERMANY.

Inventors :

- (1) DR JOSEF FELIXBERGER.
- (2) DR JOHANN PLANK.

Application No. 495/Cal/94 filed on 27th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

18 Claims

A process for preparing graft polymer used as dispersants for inorganic binder suspensions comprising condensing :

- (a) symmetrical or unsymmetrical ketones containing aliphatic, araliphatic, cyclic or aromatic hydrocarbon radicals with at least one non-aromatic radical such as herein described;
- (b) an aldehyde of the formula R-(CHO)_n where n=1 to 2 and R can be hydrogen or an aliphatic, araliphatic, aromatic or heterocyclic radical such as herein described; and
- (c) optionally acid groups, preferably carboxyl, sulpho, sulphonamido, sulphonyl, sulphonylamine or sulphonyloxy groups and grafting to be obtained ketone-aldehyde condensation and co-condensation products and other compounds selected from monovalent, polyvalent metal compounds, anionic, non-anionic and cationic unsaturated monomers, the graft reaction is carried out in an aqueous solution at a temperature of from 0-100°C.

(Compl. Specn. : 36 Pages :

Drgs. : Nil)

Ind. Cl. : 80 I & K

181490

Int. Cl. : B 01 D 23/28, 29/46, 39/12

"FILTER SUPPORTING ELEMENT FOR SUPPORTING FILTER MEDIA IN FLAT FILTERS".

Applicant : EMS-INVENTA AG., OF SELNAUSTRASSE 16 CH-8001 ZURICH, SWITZERLAND.

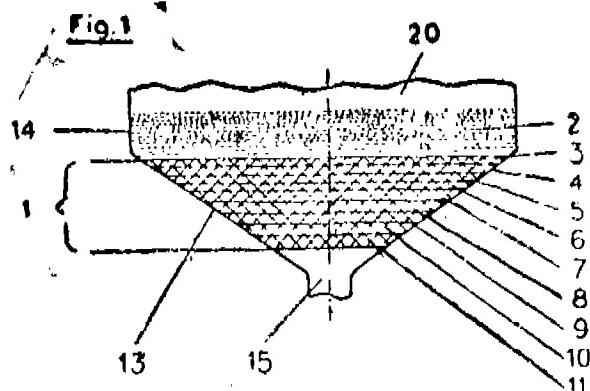
Inventor : GOOSSENS, GUNTER.

Application No. : 703/Cal/94 filed on 2nd September, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

20 Claims

Filter supporting element (1) for supporting filter media (2) in flat filters consisting of a dimensionally stable compound layered member having layers (3 to 11) which are superimposed in courses, have a coarse, have a coarse-mesh netting structure which are rigidly interconnected and consist of wire-shaped elements having a streamlined cross section, the wire-shaped elements being fixed at their points of contact to form a dimensionally stable three-dimensional compound layered member, characterised by having (A) at least one of the netting layers (5 to 11) following the top layer (4) directly carrying the filter medium (2) in the flow direction has thickness of the wire-shaped elements and mesh widths which increase in the flow direction, (B) the mesh width of the top netting layer (4) directly carrying the filter medium (2) is considerably smaller than the smallest dimension of the finest particle of the filter medium (2) and (C) the top netting layer (4) directly carrying the filter medium (2) is protected by at least one netting layer (3) which has a greater thickness of its wire-shaped elements and mesh width and is fixed to the other layers.



(Comp. Specn. : 15 pages;

Drgs. : 03 sheets)

Ind. Cl. : 39L

181491

Int. Cl. : C 01 F 7/02

"A PROCESS FOR THE PRODUCTION OF ALUMINA USING THE BAYER PROCESS."

Applicant : COMALCO ALUMINIUM LIMITED, OF 55 COLLINS STREET, MELBOURNE, VICTORIA 3000 AUSTRALIA, A COMPANY REGISTERED UNDER THE CORPORATIONS LAW OF QUEENSLAND, COMMONWEALTH AUSTRALIA.

Inventors :

- (1) GREGORY PATRICK BROWN
- (2) DAVID GRAHAM WOOD

Application No. 120/Mas/93 dated the 17th February 1993.

Convention date 17th February 1992; No. PL 0977; Australia.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A process for the production of alumina using the Bayer process comprising a precipitation process having an agglomeration stage and a growth stage which is divided into a multiplicity of separate stages, the said process comprising the steps of feeding a pregnant liquor stream to the agglomeration stage to form a slurry, passing the slurry from the agglomeration stage of the first growth stage and thereafter through successive downstream growth stages to the last growth stage, characterized in that the temperature of the liquor in the agglomeration stage is within the range of about 75°C to about 85°C to limit the bound soda content of hydrate particles and the temperature of the liquor in each of the multiplicity of growth stages is such that each successive downstream growth stage is operated at a temperature of about 1°C to about 3°C cooler than the adjacent upstream growth stage.

(Com. : 19 pages:

Drwgs. : 7 sheets)

Ind. Cl. : 35C

181492

Int. Cl. : C 04 B 14/38.

A METHOD FOR PREPARING AN INTERGROUND REINFORCING FIBER-HYDRATABLE CEMENT COMPOSITION AND A COMPOSITION PREPARED THEREBY.

Applicant : VONTECH INTERNATIONAL CORPORATION OF 1905 QUAIL MEADOW ROAD, LOS ALTOS, CALIFORNIA 94022, UNITED STATES OF AMERICA. AN U.S. COMPANY.

Inventor : GARY L. VONDRAK.

Application No. : 202/Mas/93 filed on 22nd March, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A method for preparing an interground reinforcing fiber-hydratable cement composition comprising :

- (a) introducing fiber precursors and cement clinkers to a grinding mill; and
- (b) grinding the mixture until the clinker has been reduced to a fine powder, the amount of the fiber precursor added being sufficient to yield from 0.0001 to 10 volume percent interground in the ground product, wherein the fibers are selected from the group consisting of steel, alkaline resistant glass, ceramic, carbon, polyolefin, rayon, polyamide, polyacrylonitrile, polyvinyl acetate, polyvinyl alcohol, polyvinyl chloride, polyvinylidene chloride, polyester, and mixtures thereof.

(Compl. : 11 pages;

Drwgs. : Nil)

Ind. Cl. : 172 E

181493

Int. Cl. : 865 H 54/22.

A BOBBIN WINDING MACHINE FOR AUTOMATIC WINDING OF YARNS.

Applicant : MASCHINENFABRIK RIETER AG, OF KIESTERSTRASSE 20, 8406 WINTERTHUR, SWITZERLAND. A SWISS COMPANY.

Inventors :

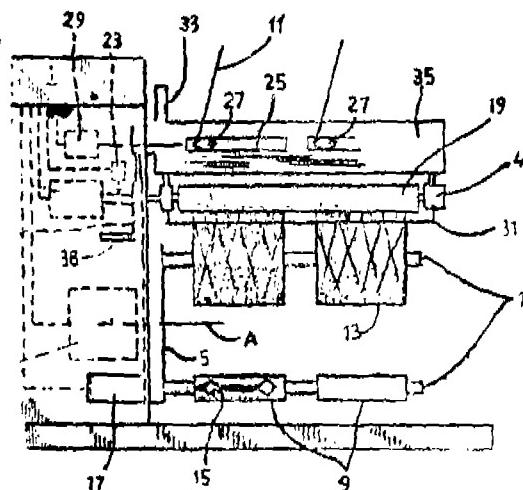
- (1) BUSENHART PETER,
- (2) WIRZ ARMIN,
- (3) GISEL THOMAS,
- (4) HAAG ARTHUR.

Application No. : 228/Mas/93 filed on 31st March, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

Bobbin winding machine for automatic winding of yarns, comprising a driving element (33, 104, 136), a driven element (31, 105, 135), wherein the driving element (33, 105, 135) in a predetermined path from a first point of path (A) to a second path point (B-F), measuring means (51, 154, 173) for measuring the actual value on the second path point (B-F), comprising means (55, 155) for comparing the actual value with a present value on the second point (B-F), recognising means for recognising the deviation from the set value and controlling means (49, 155) for controlling the driving element by carrying out the necessary corrections in order to drive the driven element (31, 105, 135) in a predetermined path.



(Compl. : 34 pages;

Drwgs. : 5 Sheets)

Ind. Cl. : 190 C

181494

Int. Cl. : F 01 D 25/00

AN AXIAL FLOW TURBINE.

Applicant : ASEA BROWN BOVERI LTD., A SWISS COMPANY, OF BADEN, SWITZERLAND.

Inventor : L. FERDINAND MULLER.

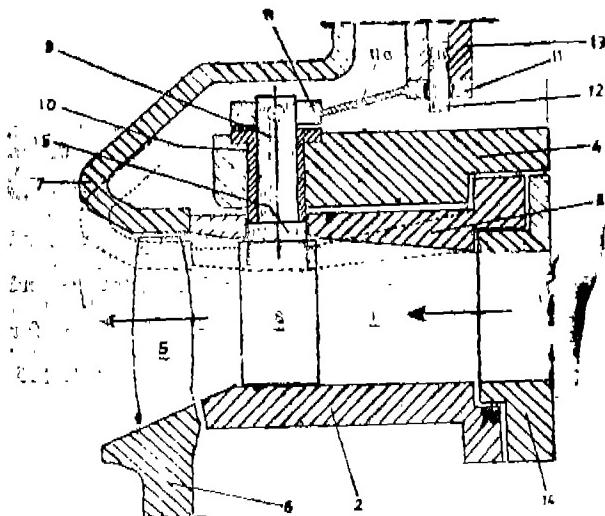
Application No. 233/Mas/93 filed on 1st April 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

An axial flow turbine comprising at least one row of individually adjustable guide vanes (8) and at least one row of rotor blades (5) an adjusting shaft (9), supported in a casing (4) and passing through a vane carrier (3) for rotatably adjusting said guide vanes (8), the said adjusting shaft (9) being connected through a collar (15) to the vane aerofoil and the tips of the rotor blades seal against a cover (7).

wherein, for varying the height of the flow duct of the turbine, in addition to the blading, only the vane carrier and the cover (7) are exchangeable with the turbine open.



(Com. : 9 Pages;

Drwgs. : 1 Sheets)

Ind. Cl. : 139 A

181495

Int. Cl. : C 09 C 1/48

A METHOD FOR PRODUCING A CARBON BLACK.

Applicant : KVAERNER ENGINEERING A/S A NORWEGIAN COMPANY OF PROF. KOHTSVEI 5, N 1324 LYSAKER, NORWAY.

Inventor :

- (1) STEINAR LYNUM.
- (2) JAN HUGDAHL.
- (3) KETIL HOX.

Application No. 236/Mas/93 filed on 2nd April, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A method for producing a carbon black having a surface area (BET) of less than 30^A m^2/g , a dibutyl phthalate adsorption (DBP) of less than 200 ml/100g and a specific electrical resistance of less than 0.1 ohm cm from a feedstock of one of natural gas and methane, the said method comprising the steps of : preheating the feedstock; passing the preheated feedstock through a feed tube which is temperature controlled so that the feedstock has a temperature between 650°C and 700°C; in a first stage, delivering the feedstock from the feed tube through a plasma torch having a plasma flame into a reaction area with the torch being fuelled with recycled hydrogen to cause a pyrolytic decomposition of the feedstock by first heating the feedstock uniformly in the immediate vicinity of the plasma flame with mixing of the feed stock and the plasma gas occurring behind the plasma flame to raise the temperature of the feedstock to about 1600°C to achieve decomposition of the feedstock and forming free hydrogen and drops of liquid of dehydrogenated carbon material; passing at least the dehydrogenated carbon material to a second stage and maintaining the temperature of the carbon material between 1200°C and 1600°C to perform the complete decomposition of the feedstock to carbon black and hydrogen; adding additional raw material in the second stage to cause quenching and reaction with the already formed carbon black to thereby increase the particle size, density and quantity of carbon black produced without an additional consumption of energy; and thereafter, discharging the formed carbon black and separating the carbon black from the gases derived in the process.

(Com. : 16 Pages;

Drwgs. : Sheets)

Ind. Cl. : 172 C9

181496

Ind. Cl. : D 02 G 1/00.

AN APPARATUS FOR THE CONTINUOUS CRIMPING OF THERMOPLASTIC THREADS.

Applicant : MASCHINENFABRIK RIETER AG OF KLOSTERSTRASSE 20 P.O.B. 290 8406 WINTERTHUR SWITZERLAND A SWISS COMPANY.

Inventor : WERNER NABULON.

Application No. 260/Mas/93 filed on 13th April 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

An apparatus for the continuous crimping of thermoplastic threads, comprising a crimping nozzle (3) with a conveying duct, a nozzle outlet opening (4) and a guiding fork which is arranged in the zone of the nozzle outlet opening (4) and consists of a lower (5) and an upper guide element (6); in plug conveying roller (1) with two lateral guide means (2) extending parallel around the circumference thereof; and a stuffer box (7) being enclosed by the lateral guide means (2) and the two guide elements (5 and 6) in a plug formation zone (B), characterized in that for improving the ventilation of the stuffer box (7) at least one of the guide elements (5 or 6) consists of a plurality of elements which are mutually distanced, with the intermediate spaces between said elements being slots which are open on the side of the guide elements which is averted from the nozzle outlet opening (4).

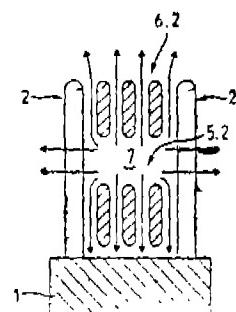


FIG. 2

(Compl. 9 pages;

Drws. 2 sheets.)

Ind. Cl. : 76 E

181497

Int. Cl. : A 44 B 19/00.

SLIDER FOR A LINEAR SLIDE FASTENER.

Applicant : YKK CORPORATION A JAPANESE COMPANY OF NO. 1, KANDA IZUMI-CHO, CHIYODA-KU, TOKYO, JAPAN.

Inventors :

1. TSUTOMU TOMITA
2. HIDEO TAKABATAKE.

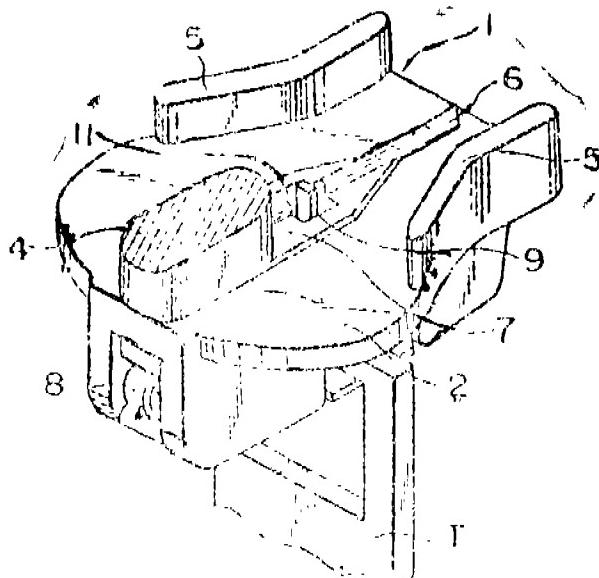
Application No. 262/Mas/93 filed on 13th April, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A slider for a linear slide fastener having covered leg portions (1) of fastener elements (e), said slider comprising an automatic stop means, a slider body which has a pair of upper wing and lower wing interconnected by a guide post, and a pull tab, characterized by that a linear rib (6, 16, 25) is protruded in a central longitudinal direction on an inner face of said upper wing (2, 15, 24) of said slider body (1, 14, 23).

pressure lands (7, 17, 26) are provided at a lower height than said rib (6, 16, 25) on both sides of said rib in the neighbourhood of said guide post (4), and an opening (11, 20, 32) for an automatic stop claw (9, 19, 31) is punched in a middle portion of said rib (6, 16, 25) and said pressure lands (7, 17, 26).



(Compl. Specn. 14 pages;

Drgs. 4 sheets.)

Ind. Cl. : 98 G.

181498

Int. Cl. : F 28 D 9/00.

AN IMPROVED PLATE HEAT EXCHANGER ASSEMBLY.

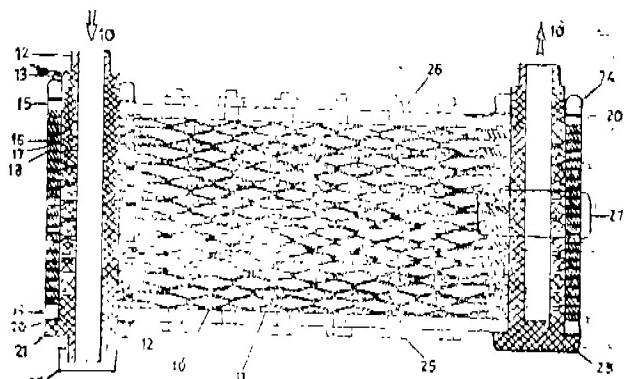
Applicant & Inventor : SHRI RAJAGOPAL RAMESH, AN INDIAN CITIZEN, OF NO. 8, IV CROSS STREET, ORMES ROAD, KILPAUK, CHENNAI-600 010, TAMIL NADU, INDIA.

Application and Provisional Specification No. 472/Mas/93 dated the 9th July 1993.

Complete specification left on 17th March 1994.
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

11 Claims

An improved plate heat exchanger assembly comprising a plurality of corrugated metal members, between two end cover metal members and interspersed with gasket members, the corrugations in corrugated members establishing a network of contact points and forming turbulent channels for heat exchange between two fluids flowing counter-currently in and out through atleast four ports, each said corrugated member, end cover member and gasket member having at least four corner portholes in alignment with the corresponding porthole of the adjacent gasket member, wherein each gasket member has two through portholes and two communicating portholes, clamping means passing through each aligned porthole for clamping each of the four ports on either side of the assembly to bind individual ports, the said clamping means having end connections and openings at predetermined positions, in communication with desired channels having flow through medicans provided around the inlet and outlet porthole portions permitting flow of fluids in and out while sealing adjacent channels 360 degree all around at each port against intermixing and said assembly being permanently joined and/or bolted around its peripheral edges to prevent external leaks, after vacuum testing for intermixing.



(Prov. 11 pages; Com. 18 pages; Drgs. 6 Sheets)

Ind. Cl. : 134-C; 160-A.

181499

Int. Cl. : B 60 R 21/22.

RETAINER USED FOR AN AIR BAG DEVICE.

Applicant : TAKATA CORPORATION, A JAPANESE CORPORATION, OF 4-30, ROPPONGI 1-CHOME, MINATO-KU, TOKYO, JAPAN.

Inventors :

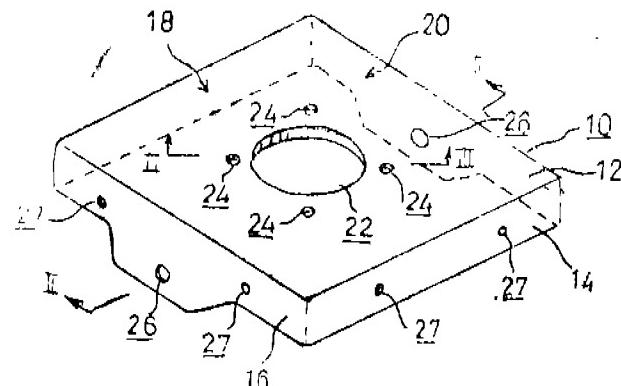
1. MASATO KURETAKE
2. KAZUHIKO YAMAKAWA
3. MOTONOBU KITAGAWA
4. SAWAYA UDA
5. YOSHIMI YOSHIDA
6. TAKAYASU ZUSHI.

Application No. 546/Mas/93, filed on 5th August 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A retainer used for an air bag device for use in a driver's side of a vehicle, the retainer comprising, a main plate portion having an opening for mounting an inflator, and mounting members depending from sides of the main plate portion and having mounting holes therein for mounting the retainer to steering means, said mounting holes facing each other such that the opening is located between the mounting holes, said main plate portion and mounting member forming the retainer and being made of a synthetic resin, and at least one reinforcing material buried in the synthetic resin of the retainer, said reinforcing material comprising an annular portion having a hole corresponding to the opening of the main plate portion, and two elongated portions integrally formed with the annular portion, said elongated portions extending in opposite directions from the annular portion toward the mounting members and having holes corresponding to the mounting holes of the mounting members so that areas around the mounting holes and the opening are integrally connected together for reinforcement by the reinforcing material.



(Compl. Specn. 14 pages;

Drgs. 3 Sheets)

Ind. Cl. : 179 G

181500

9 Claims

Int. Cl.⁴ : A 61 L 9/12.**A DEVICE FOR DISPENSING A VOLATILE LIQUID AS A VAPOUR.**

Applicant : RECKITT & COLMAN PRODUCTS LTD.,
A BRITISH COMPANY OF 1, BURLINGTON LANE,
LONDON W4 2RW UNITED KINGDOM.

Inventor : RODNEY THOMAS FOX.

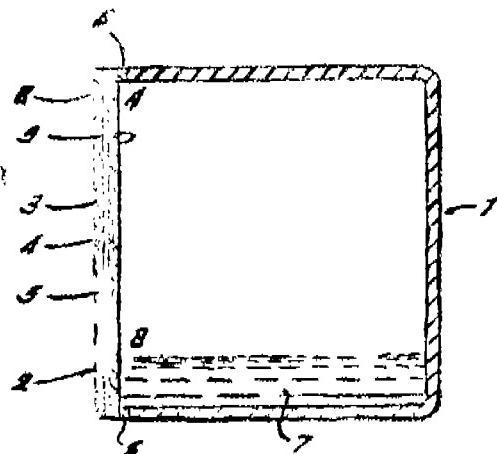
Application No. 553/Mas/93 filed on 6th August 1993.

Convention Dated : 22nd September 1992; No. 9219999.1: British.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A device for dispensing a volatile liquid as a vapour which comprises a reservoir of the volatile liquid and which includes a porous element which permits the passage of vapour therethrough but does not permit the passage of the liquid therethrough, characterised in that the porous element comprises a laminate of paper/polymer/paper, the polymer being selected from an ethylent/vinyl acetate copolymer and/or an ionomer resin, and in that the volatile liquid comprises one or more fragrance components having a dipole moment in the range of from 0 to 3 Debyes and a hydrogen bonding parameter of from 0 to 22 Gordys.



(Compl. Specn. : 17 pages)

Digns. : 9 Sheets)

Ind. Cl. : 40 F, 32 B.

181501

Int. Cl.⁴ : C 07 C 2/00.**A CONTINUOUS PROCESS FOR ALKYULATION OF PARAFFIN CHARGE.**

Applicant : INSTITUT FRANCAIS DU PETROLE, OF 4 AVENUE DE BOIS PREAU 92502 RUEIL MALMAISON, FRANCE, A FRENCH BODY CORPORATION.

Inventors :

1. JEAN FRANCOIS JOLY
2. ERIC BENAZZI
3. CHRISTIAN MARCILLY.
4. RENAUD PONTIER.
5. JEAN FRANCOIS LE PAGE.

Application No. 571/Mas/1993 filed on 16th August, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

A continuous process for alkylation of paraffin charge consisting of at least one isoparaffin and at least one olefin containing 2 to 6 carbon atoms, per molecule, comprising steps of (1) introducing the said charge to a reaction zone (R) in the presence of a catalyst selected from at least one known organic or mineral porous support impregnated with sulphuric acid and a mixture of at least one halide of aluminium and boron and at least one quaternary ammonium halide or an amine halo hydrate, that said mixture being impregnated or a known organic or mineral porous support, (2) recycling part of the reaction effluent from the said reaction zone (R) to the intake zone thereof, (3) introducing another part of the solid liquid effluent from the reaction zone to a separation zone to separate isobutane/n-butane/alkylate therefrom, (4) recycling the isobutane rich liquid effluent from the separation zone (S) to the reaction zone (R) and collecting the said separated alkylate and n-butane.

(Compl. Specn. 14 pages;

Dwg. 1 sheet.)

Ind. Cl. : 170 B.

181502

Int. Cl. : C 11 D 1/60.

A DETERGENT BAR AND A PROCESS FOR PRODUCING THE SAME.

Applicant : HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF HENKELSTRASSE 67, 40589 DUSSELDORF-HOLTHAUSEN, GERMANY.

Inventors :

1. DR. HANS-JOSEPH BEAUJEAU, GERMANY.
2. KURT CZOK, GERMANY.
3. JEANS ENGLER, GERMANY.

Application No. 603/Mas/93 dated the 24th August 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A detergent bar containing known synthetic anionic surfactants, insoluble fillers, builders, and other conventional components known in detergent bar manufacturing comprising in addition thereto, dolomite and fine particle cellulose, the said dolomite has a particle size distribution in which at least 65% by weight of the dolomite has a particle size of 20—180 μm and the said fine particle cellulose has an average fibre length of 30 to 200 μm and an average fibre thickness of 15 to 30 μm .

(Compl. Specn. : 21 pages;

Drng. : Nil)

Ind. Cl. : 120 B3; C2.

181503

Int. Cl.⁴ : B 60 R 17/02.**A DEVICE FOR AUTOMATIC LUBRICATION OF MACHINERY.**

Applicant : NARAYANA THILVAR SABAPATHY, AN INDIAN CITIZEN, OF 42/C, BAGRATIDASAN COLONY, K. K. NAGAR, CHENNAI-600 078.

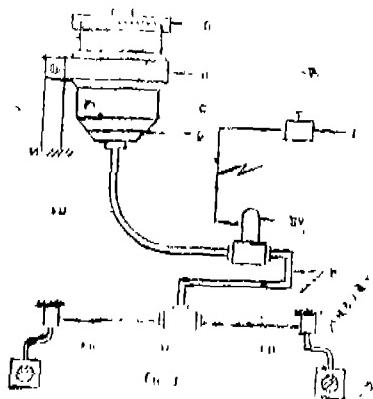
Inventor : NARAYANA THEVAR SABAPATHY.

Application No. 603/Mas/93 filed on 26th August 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A device for automatic lubrication of machinery comprising at least one reservoir for lubricants having at least one inlet and one outlet means, a timer connectable to a power source, at least one solenoid valve actuatable by the said timer, connected to the said timer, the said outlet means connected to the machinery or parts thereof to be lubricated through the said solenoid valve, such that no actuation by the timer, the solenoid valve opens to allow the lubricant in the reservoir to flow to the desired parts of the machinery for a predetermined time.



(Compl. Specn. 10 pages;

Drawings. 2 Sheets.)

Ind. Cl. : 97 E.

181504

Int. Cl. : H 05 G/06.

A DEVICE FOR AUTOMATIC CONTROL OF THE OPERATION OF A FURNACE.

Applicants : ANDRE VIOZAT, SUNDARAM LALITHA AND KRISHNAN JAYALAKSHMI, ALL INDIAN CITIZENS, OF M.S. AUROELECTRONICS, A/2, THATTANCHAVADI INDUSTRIAL ESTATE, PONDICHERRY-605 009, INDIA

Inventors .

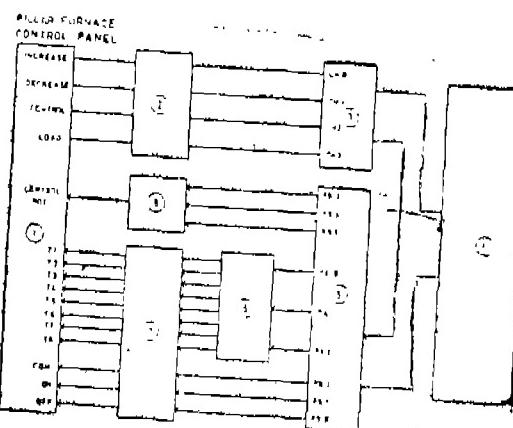
1. ANDRE VIOZAT.
2. SUNDARAM LALITHA.
3. KRISHNAN JAYALAKSHMI.

Application No. 623/Mas/93 filed on 1st September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A device for automatic control of the operation of a furnace comprising an input signal processor which receives the input signals from the furnace control panel, an analog/digital (A/D) convertor connected to the output of the input signal processor which converts analog voltage into digital and feeds to a central processing unit (CPU) connected to the output of the A/D convertor for producing command signals to the input signal from the control panel, a programmed peripheral interface connected to the output of the central processing unit providing control signals to a stepper motor control circuit and an ON/OFF control circuit directly and to an output relay control circuit through a decoder wherein the control potentiometer is controlled by means of a stepper motor connected to the shaft of the control potentiometer and controlled by the stepper motor control circuit.



(Compl. Specn. : 7 pages;

Drawings. 1 Sheet)

Ind. Cl. : 129 Q.

181505

Int. Cl. : B 23 K 20/12.

A SWIFT-STOP DEVICE FOR USE IN FRICTION WELDING.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, IIT P.O., MADRAS 600 036, TAMIL NADU, INDIA, AN AUTONOMOUS BODY SET UP BY THE GOVERNMENT OF INDIA UNDER AN ACT OF PARLIAMENT.

Inventors :

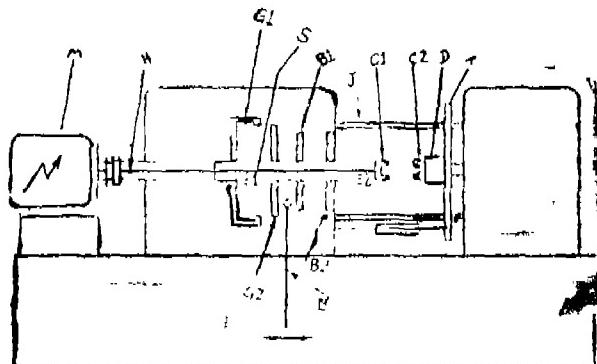
1. MANJANKARANI SUBRAMANIAM SHUNMUGAM.
2. GOBICHETTIPALAYAM PALANIAPPAN RAJAMANI.

Application No. 655/Mas/93 filed on 20th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A swift-stop device for use in friction welding, comprising a prime mover coupled by a shaft to a first positive drive element; a second positive drive element slidably coupled to a spindle near its first end; means for engaging and disengaging the said drive elements; a first brake member fixed to the second positive drive element and also slidably coupled to the spindle; a stationary second brake member normally spaced from the first brake member; first gripping means fixed to the second end of the spindle, so as to be rotatable with the spindle; second non-rotatable gripping means slidably mounted on guide members; means for urging the second gripping means against the first gripping means and means for measuring the resulting contact force.



(Compl. Specn. : 13 pages;

Drawings. 1 Sheet)

Ind. Cl. : 107 C

181506

Int. Cl. : F 16 J 9/20.

A PISTON RING AND A METHOD OF MAKING THE SAME.

Applicant : DANA CORPORATION, A CORPORATION OF THE STATE OF VIRGINIA, U.S.A. OF 4500 DORR STREET, TOLEDO, OHIO, U.S.A.

Inventors :

1. RODNEY C. HINSHAW, USA.
2. WILLIAM E. MARTUS, USA.

Application No. 720/Mas/93 filed on 7th October, 1993.

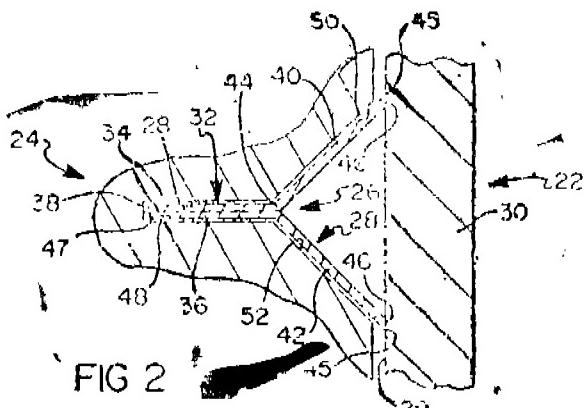
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A piston ring comprising :

a single strip of metal formed into a split annular ring having two circumferential ends and a central leg, said leg being integral at an inner end;

two flanges extending laterally outwardly from an outer edge of said central leg, said flanges extending at angles in opposed directions from each other and configured such that said flanges extend to a radial position intended to be greater than a radial dimension of an inner peripheral surface of a cylinder that is to receive said piston ring to force said circumferential ends into abutting engagement in an assembled orientation.



Ind. Cl. : 83 B

181509

Int. Cl. : A 23 L 1, 16.

PROCESS FOR THE PREPARATION OF INSTANT GLASS NOODLES.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., A SWISS BODY CORPORATION, 1800 VEVEY, SWITZERLAND.

Inventors :

1. LIAN HWEE PENG REBECCA (SINGAPORE),
2. TOH TIAN SENG (MALAYA).

Application No. 656/Mas/96 filed on 19th April, 1996.

Convention dated : 22nd April, 1995; No. 9500310.9 : Singapore.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A process for the preparation of an instant glass noodle which comprises :

- (a) preparing a dough from raw mung bean starch or raw potato starch or any mixture thereof by adding hot water and mixing to partially pregelatinise the starch,
- (b) extruding the dough to form the noodles,
- (c) steaming the noodles,
- (d) blanching the steamed noodles with hot water,
- (e) chilling the blanched noodles in chilled water to allow starch retrogradation, and
- (f) drying the noodles to a moisture content below 15%.

(Compl. Specn. 11 pages;

Drwg. Nil.)

Ind. Cl. : 71 F G

181510

Int. Cl. : E 21 D 23/00.

A BARRIER MEMBER FOR A BORE.

Applicant : INGERSOLL-RAND COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA, OF 200 CHESTNUT RIDGE ROAD, WOODCLIFF LAKE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors :

1. ROGER GRBAVAC,
2. CLIFFORD ALLAN MCCARTNEY.

Application for Patent No. 281/Del/91 filed on 4th April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

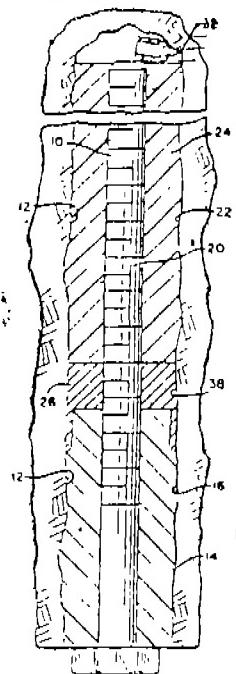
6 Claims

A barrier member for bore for use in combination with a rod extending into said bore, having a cross sectional dimension, formed in a terrestrial structure, the barrier being located on one side of a fluid in the bore, said barrier characterised by comprising :

a tubular portion (28) connected to a sealing portion, (20) said tubular portion (28) having a passageway (34) for a rod (10) formed therethrough, a diameter of said tubular portion (28) being smaller than said cross sectional dimension prior to insertion of said rod (10), and expandable to conform to said cross sectional dimension in response to insertion of said rod (10) the rod (10) passageway (34) forming a seal with the rod (10) after insertion of said rod (10); and

rupture means being formed in the said tubular portion, for sealing said rod passageway (34) to limit a passage of fluid therethrough prior to insertion of said rod (10), and adapted to rupture in response to penetration by said rod.

FIG. 2



(Compl. Specn. 9 pages;

Drugs. 2 Sheets.)

OPPOSITION PROCEEDINGS

An opposition has been entered by Godrej Hi Care Ltd, Bombay to grant of a patent on application No. 179228 (714/Del/91) dated 6-8-1991 made by R & C Products Pty. Ltd., Australia.

An opposition has been entered by Sandvik Asia Ltd., Pune, on patent Application No. 179207 (927/Mas/90) made by Widla (India) Ltd., Bangalore, Karnataka.

PATENT SEALED ON 29-5-98.

165960 177383 178823* 178899*D 179188 179190 179211*
179212 179213 179214 179216 179217* 179219 179220
179222* 179223 179224* 179226 179227* 179229*D
179230*D 179231 179232* 179233* 179234 179235 179236*
179237 179238* 179476*.

CAL-19, DEL-08, MUM-02, CHEN-01.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents.

F Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 172807, Sri Neelkant Ratnakar Dongre and Shri Deepak Charatani, Shriram trustees of Chinari Trust of C 37, Connaught Place, New Delhi-110 001, India, "GEYSER", 13th December 1996.

Class 1. No. 173827, Mr. Stephen Charles McCabe, Australian national, trading under the name and style of Tiara Showers, a sole proprietary concern whose address is 14, Chadstone Road, Chadstone, Victoria 3148, Australia, "SHOWER ASSEMBLY", 8th May 1997.

Class 3. No. 173826, Mr. Stephen Charles McCabe, Australian national, trading under the name and style of Tiara Showers, a sole proprietary concern whose address is 14, Chadstone Road, Chadstone, Victoria 3148, Australia, "SHOWER ASSEMBLY", 8th May 1997.

Class 3. No. 173808, Mahalaxmi Appliance Pvt. Ltd., 30/44-A, Street No 9, Vishwas Nagar, Shahdara, Delhi-110 032, India, an Indian Co., "SLICER", 6th May 1997.

Class 3. No. 173810, Mahalaxmi Appliance Pvt. Ltd., 30/44-A, Street No 9, Vishwas Nagar, Shahdara, Delhi-110 032, India, an Indian Co., "JUICER", 6th May 1997.

Class 3. No. 173811, Mahalaxmi Appliance Pvt. Ltd., 30/44-A, Street No 9, Vishwas Nagar, Shahdara, Delhi-110 032, India, an Indian Co., "PEELER", 6th May 1997.

Class 3. No. 173812, Mahalaxmi Appliance Pvt. Ltd., 30/44-A, Street No 9, Vishwas Nagar, Shahdara, Delhi-110 032, India, an Indian Co., "KNIFE", 6th May 1997.

Class 3. No. 172804, Rexnord Lubricants Ltd., 102, Mewad Complex, Patanwalla Compound, L.B.S. Marg, Ghatkopar (W), Mumbai, Maharashtra, India, an Indian Company, "CONTAINER", 12th December 1996.

Class 3. No. 172887, The Procter & Gamble company, a corporation organized under the laws of the State of Ohio, U.S.A., of One Procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A., "TOOTH-BRUSH", 1st January 1997

Class 3. No. 173837, Motorola Inc., a corporation of the State of Delaware of 1303, East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "SELECTIVE CALL TRANSCEIVER", 9th May, 1997.

H. D. THAKUR

Controller Genl. of Patents Designs & Trademarks

प्रबन्धक, भारत सरकार मुद्रणालय, करोड़ावाव द्वारा मूर्खित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

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